

Remarks

This communication responds to the Office Action mailed October 18, 2005 for the application captioned above.

In the Office Action, the Examiner contended that the claims are directed to more than one distinct invention and required that Applicant elect a single invention. The inventions, as contended by the Examiner, are presented as follows:

- I. Claims 1-34, drawn to an apparatus (Plasma Spray System), classified in class 118, subclass 723E;
- II. Claims 35-38, drawn to an apparatus (Vacuum System), classified in class 156, subclass 345.29; and
- III. Claims 39-52, drawn to method, classified in class 427, subclass 524.

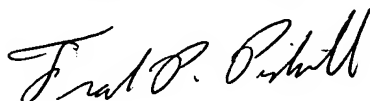
Applicant provisionally elects Group III (claims 39-52), with traverse. Applicant traverses the Restriction Requirement on the grounds that no serious burden on the Examiner exists. If the search and examination of an entire application can be made without serious burden, then it should be examined on the merits even though it includes claims directed to distinct or independent inventions. Applicant respectfully submits that the subject matter of the inventions is sufficiently related that a thorough search for the subject matter of one of these inventions would encompass the search for the subject matter of all the inventions. For example, claims 1-34 are drawn to an apparatus for Plasma Spray coating, while claims 35-38 are drawn to a vacuum system that may be used with or as a part of such an apparatus and claims 39-52 are drawn to a method that may be practiced using the apparatuses of groups I and II. Therefore a thorough search for the Plasma Spray apparatus of group I would encompass a search for the

subject matter of Groups II and III. Therefore, Applicant submits that no serious burden on the Examiner exists and respectfully requests the Examiner withdraw the restriction requirement.

The Examiner is invited to telephone the undersigned if the Examiner believes it would be useful to advance prosecution.

The Commissioner is hereby authorized to charge any additional filing fees required to Deposit Account No. 061910.

Respectfully submitted,



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Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 06-1910.

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

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Melissa L. Dahmeh